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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY USSR

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SUBJECT Analysis of Soviet Dental Bridge

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has determined the composition of a Soviet dental bridge acquired in Moscow, USSR, during September, 1950.

1. The sample is described as follows:

- a. It is a metallic dental bridge replacing the upper second bicuspid.
- b. It was obtained from a Russian who found it necessary to have a replacement bridge fabricated.
- c. It was forwarded with U. S. Naval Attache Intelligence Report No. 119-50 from Moscow, USSR, dated 28 September 1950.

2. Arc spectrographic examination of the bridge has revealed the presence of the following constituent metals:

- a. Iron - major constituent
- b. Nickel - order of 5%
- c. Chromium - order of 5%
- d. Silicon - order of 0.10%
- e. Manganese - order of 0.10%
- f. Titanium - order of 0.10%
- g. Copper - order of 0.10%
- h. Aluminum - trace
- i. Magnesium - trace
- j. Tin - trace

3. The analysis identifies the sample as a stainless steel.

4. No further analysis of the sample has been planned unless required for purposes of comparison with similar samples which may be acquired at a later date. The sample is being preserved for possible further exploitation.

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